



RECEIVED

DEC 04 2003

Replacement Abstract
Yanagihara Case 49A

TECH CENTER 1600/2800

U.S. Serial No. 10/091 992

HIGH PURITY POLYSACCHARIDE CONTAINING
A HYDROPHOBIC GROUP
AND PROCESS FOR PRODUCING IT

ABSTRACT

1. A high purity polysaccharide containing hydrophobic group is produced by a process, ~~comprising~~ involving

 a first process step of producing an isocyanate group-containing hydrophobic compound, wherein one mole of a hydroxyl group-containing hydrocarbon having 12-50 carbon atoms or of a sterol is reacted with a diisocyanate represented by $OCN-R^1-NCO$ in which R^1 is a hydrocarbyl of 1-50 carbon atoms,

 a second process step of producing the polysaccharide containing hydrophobic group composed of the hydrocarbon group of 12-50 carbon atoms or of the steryl group, wherein the isocyanate group-containing hydrophobic compound obtained in the first process step is reacted with one or more polysaccharides, and

 a purification step in which the reaction product in the second process step is purified using a solvent based on a ketone.